EVPK90 Linear Extractor

Manual for Installation, Use and Maintenance

Customer Care Department • The |C|D|A| Group Ltd. • Harby Road • Langar • Nottinghamshire • NG13 9HY
T : 01949 862 012 F : 01949 862 003 E : customer.care@cda.eu W : www.cda.eu

Important

The manufacturer cannot be held responsible for injuries or losses caused by incorrect use or installation of this product. Please note that the manufacturer reserves the right to invalidate the guarantee supplied with this product following incorrect installation or misuse of the appliance or use in a commercial environment.

This appliance is not designed to be used by people (including children) with reduced physical, sensorial or mental capacity, or who lack experience or knowledge about it, unless they have had supervision or instructions on how to use the appliance by someone who is responsible for their safety.

Under no circumstances should any external covers be removed for servicing or maintenance except by suitably qualified personnel.

Appliance information:

Please enter the details on the appliance rating plate below for reference, to assist CDA Customer Care in the event of a fault with your appliance and to register your appliance for guarantee purposes.

Appliance Model	
Serial Number	

CE Declarations of Conformity:

This appliance has been manufactured to the strictest standards and complies with all applicable legislation, including Gas safety, Electrical safety (LVD) and Electromagnetic interference compatibility (EMC).

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must be taken to a special local authority waste collection centre or to a dealer providing appliance recycling services.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health. It also enables the constituent materials to be recovered, saving both energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

Please note:

- Under no circumstances should the extractor be connected to any gas ventilation system, flue system or hot air ducting system.
- Do not vent the extractor into an attic or loft space.
- Only house the extractor in rooms with adequate ventilation. Remember that the extractor is powerful and whatever air is extracted needs to be replaced.
- Do not tile the extractor in. It should be removable for service or maintenance.
- Do not use silicone sealant to secure the hood to the wall.
- You must be able to isolate the extractor from the mains electrical supply after installation.
- Steam cleaners must not be used when cleaning this appliance.
- The performance of your extractor will vary depending on a number of factors. These include: type of extraction, length of ducting, room volume, ventilation available and cleanliness of the filters.

Using your Extractor

For best performance, you should switch on the extractor 15 minutes before starting to cook and leave it to run for approximately 15 minutes after the end of cooking.

Control Panel
A - Light key
B - Decrease speed key
C - Display
D - Increase speed key
E - Timer key

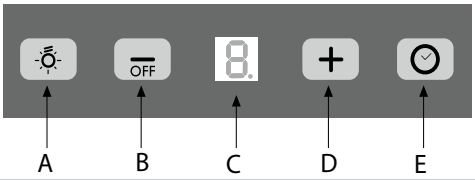


Fig. 1

To switch the extractor light on and off
- Touch key A.

To switch on the extractor
- Touch either key B or D. The appliance will switch on at the first speed.
- To increase the speed touch key D.
- To switch the extractor off, touch and hold key B for two seconds when the extractor is working at higher speeds, or touch key B at speed one.

The intensive function
- The extractor is equipped with an intensive function which runs for ten minutes before returning to the previous selected speed. To activate the intensive function, touch key D at speed three. The display will blink whilst the intensive function is on.

The timer
- The extractor is equipped with a timer that allows the extractor to run for 15 minutes before switching off automatically.
- To activate the timer, touch key E. The display will flash a decimal point when the timer is on.

Please note
The timer cannot be activated when the intensive function is on.

The clean air function
- The extractor is equipped with a clean air function that switches on the motor for ten minutes every hour at speed one.
- To activate the clean air function, touch key E for two seconds when the appliance is off. To return to normal function, touch either key B or D. To switch off the clean air function, touch key E. The display C will light up in sections whilst the motor is running, and will show the letter C during the fifty minutes when the motor is not running.

Care and Maintenance

IMPORTANT : DO NOT PERFORM MAINTENANCE OR CLEANING OF THE EXTRACTOR WITHOUT FIRST SWITCHING OFF THE ELECTRICITY SUPPLY.

Cleaning

You should use a nonabrasive cleaner. Any abrasive cleaner (including Cif) will scratch the surface and could erase the control panel markings.

You can clean your extractor effectively by simply using a dilute solution of water and mild detergent and drying to a shine with a clean cloth.

Cleaning the grease filter

The grease filters should be kept clean to minimise the risk of fire.

When the display flashes alternating the speed selected with the letter A, or at least once a month, you should remove and clean the grease filters with hot soapy water. You can also wash the grease filters in a dishwasher, ensuring that you place it in an upright position to prevent damage from other items in the dishwasher. After rinsing and drying, replace the filters. After the grease filters has been replaced, the electronic memory must be reset by touching key A for approximately five seconds, until the letter A stops flashing.

To remove the grease filters follow the steps below:

1. Pull open the handle on the grease filter as shown in fig 2. It will release at the handle side.
2. Then lower the grease filter to remove it completely.

To replace the grease filters, repeat the steps in reverse.

Please note:

Cleaning the grease filter in the dishwasher may lead to discolouration. This is normal and does not constitute a fault with the appliance.

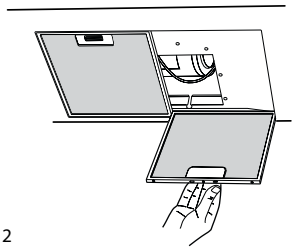


Fig. 2

Care and Maintenance

Changing the charcoal filter (re-circulating only)
When the display flashes alternating the speed selected with the letter F, the charcoal filters must be replaced. After the charcoal filter has been replaced, the electronic memory must be reset by touching key A for approximately five seconds, until the letter F stops flashing.

To attach a new charcoal filter, first open the cover panels and the filters as described above. Then offer up the charcoal filter into the frame as shown in figure 3. Repeat with the other charcoal filter. Then replace the grease filters and cover panels.

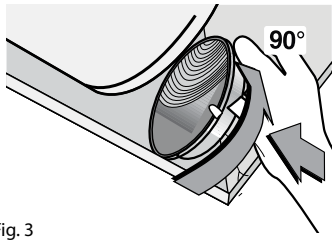


Fig. 3

To attach a new charcoal filter, first remove the grease filters as described above. Then offer up the charcoal filter to the side of the motor as shown in figure 3 and turn it clockwise until it locks into place. Repeat with the other charcoal filter on the other side of the motor. Then replace the grease filters and cover panels.

Changing the Light

DO NOT CHANGE THE LIGHT BULB IMMEDIATELY AFTER USE AS THE BULB WILL BE HOT. ALLOW IT TO COOL BEFORE REMOVING IT.

Using a flat blade screwdriver, carefully prise off the lamp cover as shown in figure 4. Remove the bulb and replace with a 12V 20W halogen light bulb. Finally, replace the light bulb cover.

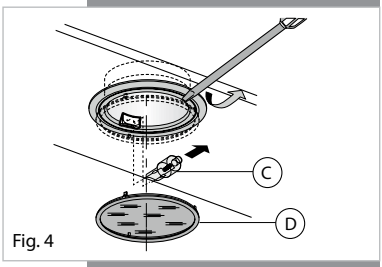


Fig. 4

Do not touch bulbs or adjacent areas during or straight after prolonged use of the lights.

The light is designed for use during cooking and not for general room illumination. Extended use of the light can reduce the life span of the bulb.

Bulb replacement is not covered by the guarantee.

Only use bulbs recommended for your extractor. Do not fit bulbs of a higher power rating.

Bulbs of a lower power rating may be adequate for use, generally last longer and use less energy.

Mains Electricity Connection

THIS APPLIANCE MUST BE CONNECTED TO THE MAINS SUPPLY BY

A COMPETENT PERSON, USING FIXED WIRING VIA A DOUBLE POLE SWITCHED FUSE SPUR OUTLET AND PROTECTED BY A 3A FUSE.

We recommend that the appliance is connected by a qualified electrician, who is a member of the N.I.C.E.I.C. and who will comply with the I.E.E. and local regulations.

The wires in the mains lead of this appliance are coloured in accordance with the following code:

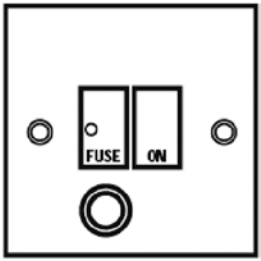
Green & Yellow = Earth, Blue = Neutral, Brown = Live.

As the colours of the wires in the mains lead for the appliance may not correspond with the coloured markings identifying the terminals connecting to the fuse spur, proceed as follows:

- The wire which is coloured green and yellow must be connected to the terminal marked E (Earth) or coloured green.
- The wire which is coloured blue must be connected to the terminal marked N (Neutral), or coloured black.
- The wire which is coloured brown must be connected to the terminal marked
  L (Live), or coloured red.

Note: Use a 3A Fuse

DOUBLE POLE SWITCHED FUSE SPUR OUTLET



USE A 3 AMP FUSE

Assembly and electrical connection should be carried out by specialised personnel.

When installing this product we recommend you seek the help of another individual.

Electrical Information

Mains electrical voltage: 230 – 240Vac, 50Hz

Total rated power consumption:
330W

Troubleshooting

If your extractor is not working:

1. Check that the mains supply has not been switched off.
2. Check that the fuse in the spur has not blown.

Mounting your Extractor

IMPORTANT:
The extractor is intended to be mounted directly to the ceiling using fixings appropriate for the ceiling. Ensure that there is adequate ceiling strength and supports at the fixing points; if in doubt, consult a joiner or electrician.

When the extractor is to be installed above an electric hob, the minimum distance between the hob and extractor must exceed 600mm (650mm is recommended).

When the extractor is to be installed above a gas hob, the minimum distance between the hob and extractor must exceed 700mm (750mm is recommended).

If the instructions provided with your gas hob state that the required distance between the hob and extractor must be greater than 700mm, then that is the distance that should be observed; this is a legal requirement and may lead to your hob being disconnected from the gas supply and the installation being reported to RIDDOR (The height should be measured from the top of the burners).

IN THE ABSENCE OF ANY INSTRUCTIONS SUPPLIED WITH THE GAS HOB, THE MINIMUM DISTANCE BETWEEN THE HOB AND EXTRACTOR MUST BE AT LEAST 760mm.

The width of any hob must not be greater than the width of the extractor installed above it. Fig. 5

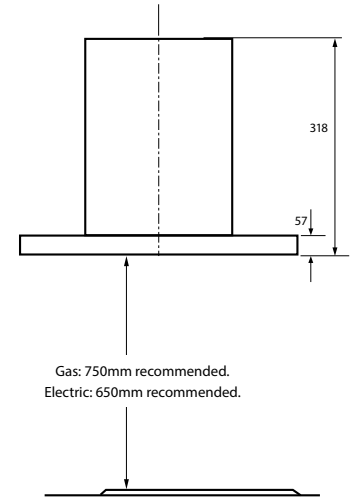


Fig. 5

Ducting and Ventilation

We recommend the use of ducting with a diameter of 150mm. Ducting with diameters of 100mm or 120mm may be used, but performance will be reduced.

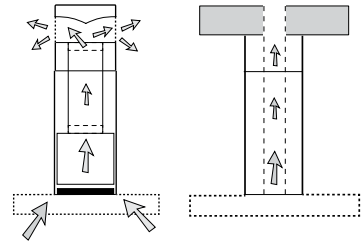


Fig. 6

Installation

Note:
We recommend that you seek the help of another individual when installing this product.

Preparing the extractor
The electronic control box and ventilation pipe need to be fitted to the motor body before proceeding with the install.

To connect the electronic control box, proceed as shown below using screws (G) (figs 7,8,9).

Finally, attach the ventilation pipe (H) to the pipe adaptor (F) and place on the exhaust outlet, as shown in fig 10.

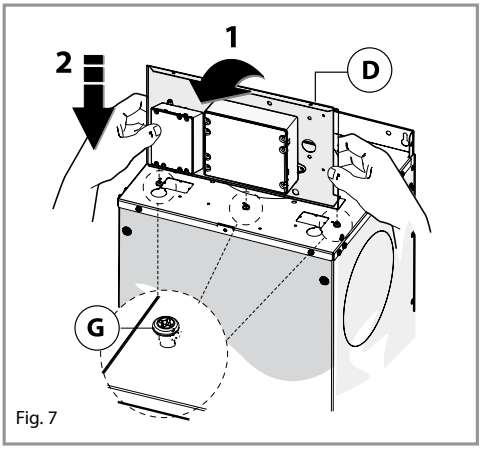


Fig. 7

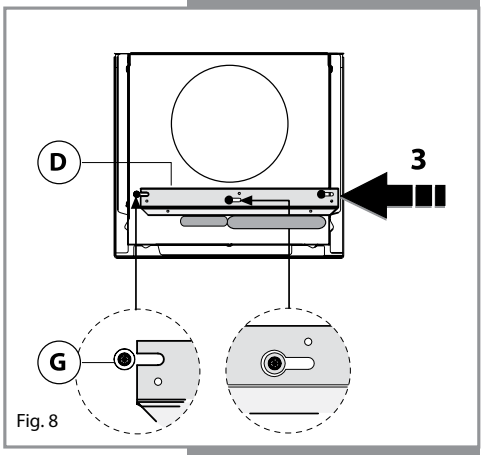


Fig. 8

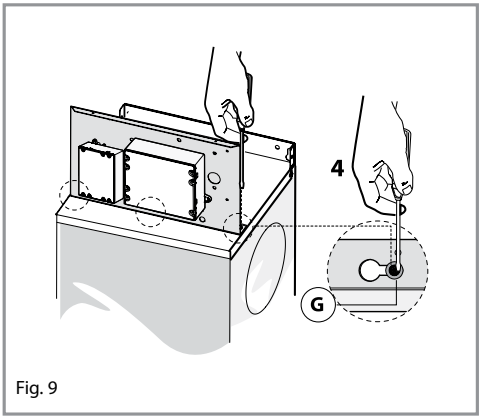


Fig. 9

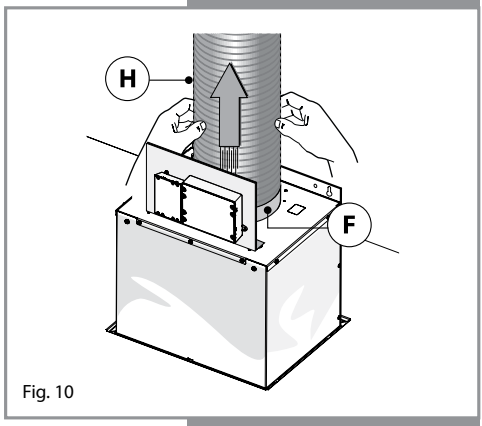


Fig. 10

Installation

Assembling the extractor ready for mounting:

1. Place the extractor body on a table and fix the support sections (D) using the supplied screws (E) as shown in fig 11 below.

2. Remove the screws(A) fastening the lower and upper(B) support sections as shown in fig 12 below.

3. Measure the height of the ceiling and then the hotplate height from the floor. The height of the hob assembly, including the body should be equal to:

Ceiling height – (H + Hotplate height)

Where H= 600mm minimum for electric hobs and 700mm minimum for gas hobs

Note that if the extact height cannot be set, use the support position corresponding to the next highest one to prevent any issues with installation heights above hobs.

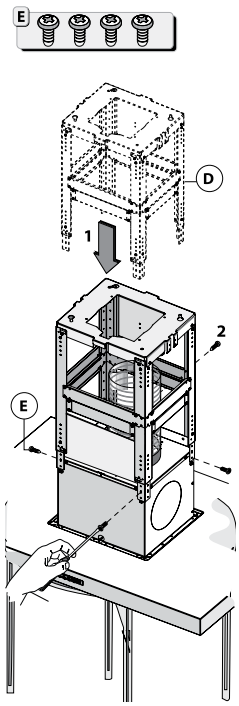


Fig.11

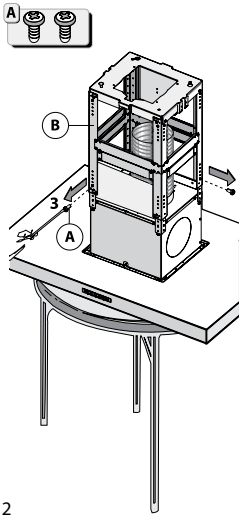


Fig.12

Installation

Assembling the extractor ready for mounting:

4. Assemble the upper (B) and lower (C) support sections at the desired height (as calculated in step 3) using the supplied screws (G) as shown in fig 13.

5. When the support sections have been securely fastened together, fit the upper(B) and lower(A) chimney sections over the supports, as shown in fig 14.

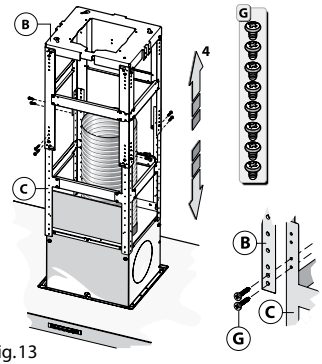


Fig. 13

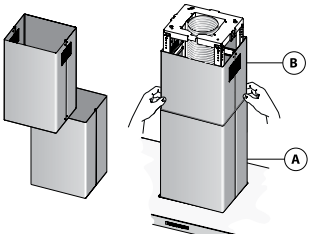


Fig. 14

Installation

Mounting the extractor to the ceiling:

1. Using the supplied template, drill four holes in the ceiling and fit suitable wall plugs into the holes, if required. Note that plugs may not be required if the extractor is to be mounted directly to the ceiling joists. Ensure that the wall plugs used are suitable for the intended purpose. See fig 15

2. Fit three screws into the holes (or direct to the joists) leaving at least 3mm standing proud, as shown in fig 16. Note that a screw should not be fitted in the hole marked X on the diagram.

3. Using the help of another individual, locate the extrac tor on the three exposed ceiling screws and rotate into position. Tighten the three screws and then secure the whole assembly in position using a screw in hole X. The extractor should be free standing at this point. See fig 17 below.

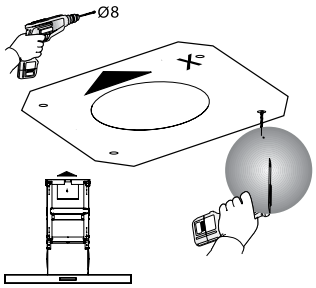


Fig. 15

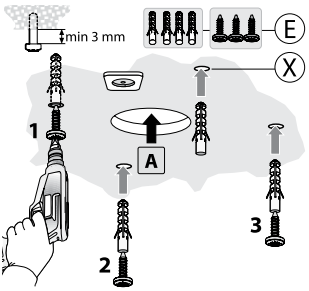


Fig. 16

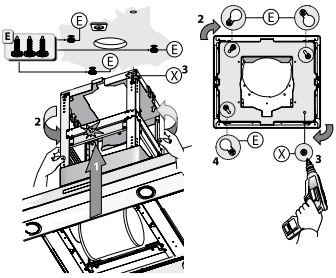


Fig. 17

Installation

Mounting the extractor to the ceiling:

4. Recirculating mode:
   If the extractor is to be used as a recirculation device, filtering the air before recycling into the kitchen then the vent diverter needs to be fitted. Fit the diverter(M) to the upper support section using screw (I) and connect the ventilation pipe (H).

5. Connect the mains electrical supply (Refer to the 'Mains electricity connection' section of the manual) and then secure the chimney sections(B) to the upper support using the four supplied screws (F), as shown in Fig 19 above:

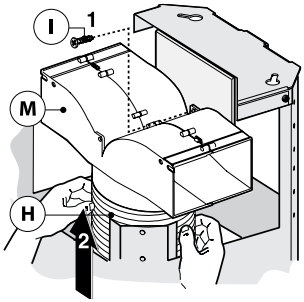


Fig. 18

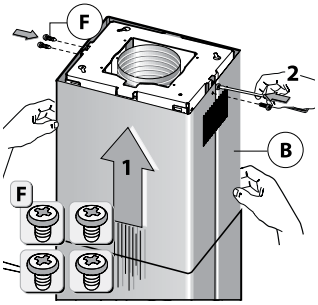


Fig. 19

Mains Electricity Connection

THIS APPLIANCE MUST BE CONNECTED TO THE MAINS SUPPLY BY

A COMPETENT PERSON, USING FIXED WIRING VIA A DOUBLE POLE SWITCHED FUSE SPUR OUTLET AND PROTECTED BY A 3A FUSE.

We recommend that the appliance is connected by a qualified electrician, who is a member of the N.I.C.E.I.C. and who will comply with the I.E.E. and local regulations.

The wires in the mains lead of this appliance are coloured in accordance with the following code:

Green & Yellow = Earth, Blue = Neutral, Brown = Live.

As the colours of the wires in the mains lead for the appliance may not correspond with the coloured markings identifying the terminals connecting to the fuse spur, proceed as follows:

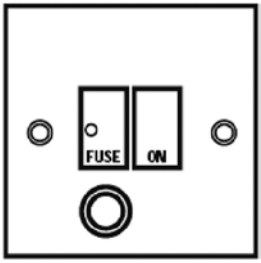
- The wire which is coloured green and yellow must be connected to the terminal marked E (Earth) or coloured green.
- The wire which is coloured blue must be connected to the terminal marked N (Neutral), or coloured black.
- The wire which is coloured brown must be connected to the terminal marked L (Live), or coloured red.

Note: Use a 3A Fuse

Assembly and electrical connection should be carried out by specialised personnel.

When installing this product we recommend you seek the help of another individual.

DOUBLE POLE SWITCHED FUSE SPUR OUTLET



USE A 3 AMP FUSE

NOTES:

NOTES:

NOTES:

Energy Efficiency Information			
Attribute	Symbol	Value	Units
Model Identification		evpk90	
Annual Energy Consumption	AEC_{Hood}	134.2	kWh
Time increase factor	f	1.4	
Fluid Dynamic Efficiency	FDE_{Hood}	16.1 (D)	
Energy Efficiency Index	EEI_{Hood}	96.1 (D)	
Measured airflow at Best Efficiency Point	Q_{BEP}	347.6	m^3/h
Measured Pressure at Best Efficiency Point	P_{BEP}	243.5	Pa
Maximum airflow	Q_{MAX}	520.0	m^3/h
Measured electric power at Best Efficiency Point	W_{BEP}	146.3	W
Nominal lighting power	WL	80.0	W
Average illumination of the lighting system on the cooking surface	E_{Middle}	579.0	Lux
Measured power consumption in standby	P_S	1.0	W
Measured power consumption off mode	P_O	NA	W
Sound power level	L_{WA}	64.0	dBA
Grease Filter Efficiency	GFE_{Hood}	72.0 (D)	%
Lamp efficiency	LE_{Hood}	7.24 (F)	%

E & O E. All instructions, dimensions and illustrations are provided for guidance only. CDA reserve the right to change specifications without prior notice.

CDA

To contact our Customer Care Department, or for Service,

please contact us on the details below.

Customer Care Department • The CDA Group Ltd. • Harby Road • Langar • Nottinghamshire • NG13 9HY
T : 01949 862 012 F : 01949 862 003 E : customer.care@cda.eu W : www.cda.eu